

SOHO Routers Questions

1. What differentiates a SOHO router from an Enterprise Router?

SOHO routers act as a switch and a router and will probably have a firewall inside along with VPN access. SOHO routers have much less of a functionality therefore, they usually only have a GUI for setting configurations. An Enterprise Router however has multiple layers for increased functionality. Thus, an Enterprise Router uses a DOS configuration method.

2. When you're dealing with an ISP, why would you want a static IP address?

The static IP address that will always stay the same so you don't have to worry about changing all these configurations. It allows you to host things like web or file server, while keeping the same IP address even if the server is restarted.

3. What functions (services) do you normally find in a SOHO router?

DHCP, DNS, port forwarding, a firewall, and port triggering.

4. What does a firewall do?

Blocks traffic on specific ports. Prevents outside access to ports blocking and also blocks use by internal applications and services.

5. With a SOHO router, why would redundancy be desirable?

In case an Internet connection goes down, the connection can be continuous.

6. What is a DMZ? Why would a small company want one?

A demilitarized zone is essentially a neutral zone that keeps public and private networks separate. Provides two levels of security for the network. For businesses that want to give its customer internet access but protect their internal network from malicious attacks.

7. In a small office, what would be the disadvantage of using enterprise level routers?

Enterprise level routers would be tough to configure due to the DOS configuration method because of its complexity. Thus, most small offices might not have personnel who know DOS configuration.